AUTOMATIC SELF ACTIVATED BONPET

10 year lifetime

No maintenance costs

Worldwide insurance coverage compensate up to €1.000.000

Friendly to humans, animals and the environment

When a fire starts every second counts!



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Techical Specifications

BONPET

NAME: BONPET Automatic Self Activated Fire Extinguisher

TOTAL WEIGHT: 1030 gr.

NET WEIGHT AMPOULE: 830 gr.

DIMENSIONS: 80 x 280 mm

MATERIAL QUANTITY: 600 cm³

TYPE OF GLASS: Safety glass

EXTINGUISHING MATERIAL METHOD: The Liquid inside the ampoule transforms mainly gaseous form when heat

ACTIVATE METHOD: Automatic and self activation when the temperature reaches 75 ° C - 85°C to 90°C maximum tensile instantaneous temperature, without requiring any external power. Also has the ability for manual activation (Bonpet triggering device)

EXTINGUISHING METHOD: Its compination of **fast elimination of oxygen** from the burning surface **and producing a protective film** that prevents further ignition

ENVIRONMENTAL SAFETY: Absolutely environmentally friendly, harmless to humans and animals

PROTECTION COVERAGE: 8 m³

FUNCTIONAL TIME WARRANTY: 10 years

HOW IT WORKS:

When the fire breaks out it heating the BONPET 90 C°, and the components of the chemical liquid burst the special glass of the container and the fire extinguishing liquid is sprinkled into the fire through the flame.

It formes coating on the surface of the firing material for a short time then dissolves. Because of the dissolving reduces the heat in the ground of burning and the dissolved fire extinguishing material - in the course of chemolysis and transformation procession - reduces the amount of oxygén with 2-3% in the combustion chamber and then breaks off the chain reaction of the burning with anticatalystic processions.

Because of the conjugated effects above mentioned the BONPET extinguishes the fire extremly fast (even within seconds).

Because of the little deoxygenation the humans and living beings are not hurt.



Ampoule Automatic Extinguishing

BONPET is an innovative fire extinguisher that is revolutionary in both the design and the working principles. It comes in the form of a glass cylinder filled with a chemical solution that will active automatically at elevated temperatures in case of fire.

BONPET has a different set of working principles from conventional extinguisher in that the former can function in an automatic mode, manual throwing and diluting with water.

The BONPET is an environment-friendly automatic fire extinguisher based on liquid.

The BONPET automatic fire extinguisher with its **excellent extinguishing ability and perfect effectiveness and compact execution** opens a new area in fire extinguishing. Using it is **no dangerous for humans nor other living organism nor – even valuable – equipments and instruments close to it.** It can work even in extreme weather conditions (-23 + 80) and operates reliably. The chemical liquid (by the certificate of the manufacturer) is effective **without maintenance and control for 10 years**.

The automatic function lets the ampoule activate in initial time of the fire source. Activates without human intervention. It is a secure and effective fire extinguishing manner even if there is no anybody in the premises. It does not need electricity for its working. Because of its simple technology it has much lower cost of installation than the other fire extinguisher systems based on water or gas.

The BONPET products have been authorized in more than 40 countries. They were tested by VINIPO (official laboratories of European group of Medelm for tests of fire protection). The BONPET is a unique product, which is appreciated and offered also by the Japanese Ministry of Transport itself. The BONPET products have the qualification of ISO-9001.

The BONPET products have been tested also by the Delectric Constant Test9., article of ANNEX C. EN 3. T. + A1-2007. It means, that all BONPET products can be used for extinguishing of electrical fires until 60,000 V.



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EFFECTIVENESS

To calculate the covered space than ampoules automatic Extinguishing BONPET must take into account that each ampoule covers 4m2 (square meters) or 8m3 (cubic meters) a closed space when placed in 2m height meters above the protected area.

BONPET extinguishing area is about 7 - 10 sqm in a sparsely furnished room and the effective extinguishing time is roughly 7 - 17 seconds. For a normal furnished room, the extinguishing area is about 4 - 7 sqm. BONPET can effectively extinguish fires from a variety of sources such as wood, pulp and paper, textile, plastic, linen, rubber and celluloid.

It can even effectively put out the source of fire which is normally difficult to extinguish with water such as kerosene, grease and electrical appliances.

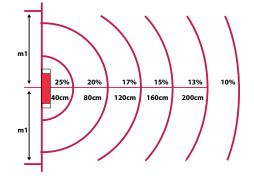
Diffusions (Effective Extinguishing Area):

The rate of diffusion of the chemical solution is measured by installing a BONPET on the wall at a height of 2 m.

The rate of diffusion shown herein are average values and are subject to variation depending on the circumstances.

TYPE OF MATERIAL ON FIRE	BONPET	WATER HALON OR ITS SUBSTITUTE (GASEOUS EXTINGUISHING SUBSTANCE)
wooden materials	Good	Good Bad
paper, textile	Good	Good Bad
bed linen	Good	Good Bad
rubber,celluloid	Good	Good Bad
plastic	Good	Good Good
gasoline	Good	Bad Good
kitchen fats	Good	Bad Bad
other oils	Good	Acceptable Good
electrical devices and installations	Good	Bad Good





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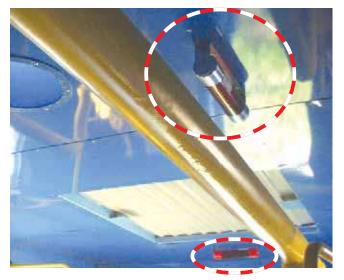
EFFECTIVENESS

Ampoules automatic fire extinguishing BONPET can protect effectively places with small cubic volume extinguishing the fire in the beginnings.

Placing the ampoules in or on electrical panels above electronic equipment, under hoods, etc. are preventing larger damage from the spread of fire. In most cases these points can not be covered by volumetric technical systems (whole sprawling etc.) due to uneconomic cost, but statistical surveys proves that there are the areas most fires starts.



Function application process ampoules BONPET



Implementation of the ampoule BONPET engine room ceiling



Implementation of the ampoule BONPET near electronic equipment that is impossible to meet with systymata whole sprawling

Grenade BONPET

The grenade of Bonpet activated by throwing it into the hearth fire.

Material: PVC

Filling: 500 ml of liquid Bonpet

Usage: As a fire-extinguishing grenades. Granato with mentanjem smash near the fire.

The purpose of extinguishing grenades Bonpet: Grenades Bonpet are designed for extinguishing fires in small confined areas where potential sources of fire.

Grenade is recommended to use the following features:

- effectively extinguishing any incipient stage and the protection of property and lives in households, businesses, boaters, and others;
- used to fire the grenade throwing to the source of fire;
- does not cause additional damage for fire, because the residual liquids easily wipe;
- contains environmentally friendly extinguishing agent.

Advantages: It has a long life (5 years), no maintenance costs.

Size, weight, quantity: Size: 197mmX60mm (diameter), Weight: 700 g, grenade containing 500 ml of liquid extinguishing agent Bonpet.

Colors: extinguishing ampoule are available in two different color versions: white and red

How to use

- By throwing on a wall located the fire
- By throwing on the fire
- Dilute with water

The grenade of BONPET It is ecological product and harmless to electronic equipment.





BONPET SPRAY 600gr.

SUITABLE FOR USE IN:

- small starting fires
- house
- kitchen
- cookers, barbecues
- offices
- warehouses
- cars and vehicles in general
- cottage, boats.

It is non-toxic, biodegradable, environmentally friendly.

WAYS OF USE

The extinguishing spray Bonpet is an innovative product designed for security purposes.

It is an effective extinguishing medium for fires type A - B - F in the presence of electricity.

- Remove the lid.
- Get closer to the fire one meter and mark at the base of the fire.
- Press the trigger and spray the entire burning surface.

Functional life: 5 years

ABSOLUTELY WITHOUT ANY MAINTENANCE PROCEDURE MADE IN THE EUROPEAN UNION



Certificates

YANGINDAN KORUNMA SİSTEMLERİ ÜCÜNCÜ TARAF GÖZETİM SERTİFİKASI CERTIFICATE OF THIRD PARTY INSPECTION FOR FIRE PROTECTION SYSTEMS

Proje Gözetim Mühendistik Project inspection Engineering



Sertifika No /Certificate No: 11, YS.01.04

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Policy No.: 6802475

Products Lialibility Insurance

INSURED:	BONPET SY.,d.o.o.					
	Obrtniška cesta 30					
	SI – 1420 ITRBOVLIE					
COVERAGE:	Product Liability on occurrence basis					
CONDITIONS:	General Conditions of Product Liability Insurance (PG-oiz/o6-10),					
	Terrorism Exclusion Clause (KL-ZA-teror/02-1)					
POLICY PERIOD:	October 22,2007 - permanently					
TERRITORY SCOPE:	World-Wide					
LIMIT OF LIABILITY:	EUR 1.000.000 per occurrence and in annual aggregate					
DEDUCTIBLE:	EUR 1.000 per occurence					
MAIN EXCLUSIONS:	Own Damages/Intentional Acts					
	Damages, caused by glfted products					
	Damages to Insured's Product or Work					
	Pollution (other than sudden and accidental)					
	Asbestos					
	Nuclear Risks					
	Professional Indemnity					
	Product Recall					
	Terrorism					

MINIMUM DEPOSIT PREMIUM: EUR 3.306

Trbovije, October 22, 2007

Triglav Insurance Comptoy Ltd. 03 NOT

Insured: BONPET SY, d.o.o.



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Certifikat

prejme

BONPET SYSTEMS, d.o.o.

OBRTNIŠKA CESTA 30, 1420 TRBOVLJE, SLOVENIJA

Bureau Veritas Certification potrjuje, da je bila opravljena presoja sistema vodenja v navedeni organizaciji in da je uvedeni sistem vodenja skladen z zahtevami sledečega standarda

STANDARD

ISO 9001:2008

Področje certificiranja

PROIZVODNJA SAMODEJNIH GASILNIH AMPUL BONPET IZVEDBA IN SERVISIRANJE VGRAJENIH GASILNIH NAPRAV NA TEKOČE GASILNO SREDSTVO BONPET

Prootni datum odobritve: 07/05/2009

Pod pogojem, da organizacija neprekinjeno zagotavlja zadovoljivo delovanje sistema vođenja, je veljavnost tega certifikata do: 06/05/2015

Za podrobnejše informacije o veljavnosti tega certifikata pokličite: (1) 47 57 670

Dodatna pojasnila v zvezi s področjem certificiranja ter sistemom vodenja, ki ga pokriva ta certifikat, lahko dobite pri certificirani organizaciji.

Številka certifikata: SL18609Q

Datum: 19/04/2012



Bureau Veritas Certification

using the accreditation certificate number 008



CERTIFICATION AUTHORITY: Bureau Veritas Certification, a.r.o., Ollirachtriva 1, 140 02 Praha 4, Czech Republic MANAGING OFFICE: Bureau Veritas Certification, Linhartisva cesta 49a, 1000 Ejubljana, Slovenija

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

REQUEST FOR A NATO COMMERCIAL AND GOVERNMENT ENTITY CODE (NCAGE) / DEMANDE D'UN CODE OTAN D'ORGANISME COMMERCIAL OU GOUVERNEMENTAL (NCAGE)

PART B PARTIE B										
1*	1* FROM / DE 2 REFERENCE / RÉFÉRENCE, DATE						3*	TO / POUR		
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NATO FORM AC/135-No 2B

<u>(02.01)</u>

FORMULAIRE OTAN AC/135-N°2B

PNEMAR Marek Sobczyk

41-310 Dąbrowa Górnicza ul.Legionów Polskich 125/5 NIP PL629-225-37-44



Deklaracja Zgodności WE EC Declaration of Conformity

Firma PNEMAR Marek Sobczyk deklaruje, że produkt : Company - PNEMAR Mark Sobczyk is declaring, that product :

Nazwa produktu : GASILNI SPREJ Product Name: GASILNI SPREJ

wyprodukowany na zlecenie firmy: BONPET SYSTEMS d.o.o.

produced to the order of :



zawierający - 600 g środka gaśniczego w dozowniku aerozolowym, containing - 600 g of extinguishing agent in the aerosol dispenser

produkt oznaczony datą produkcji - P.D 26.01.2011 r product is marked with a date of manufacture - PD 01.26.2011 r

jest zgodny z normami : complies with the standards:

EN 541:1995;EN ISO 90-3:2001;EN 14848 : 2005;EN 14850 : 2005;EN 15008 : 2007;EN 15010 : 2008 Opisany produkt spełnia zasadnicze wymagania: Described the product meets the essential requirements:

DYREKTYWA KOMISJI 2008/47/WE

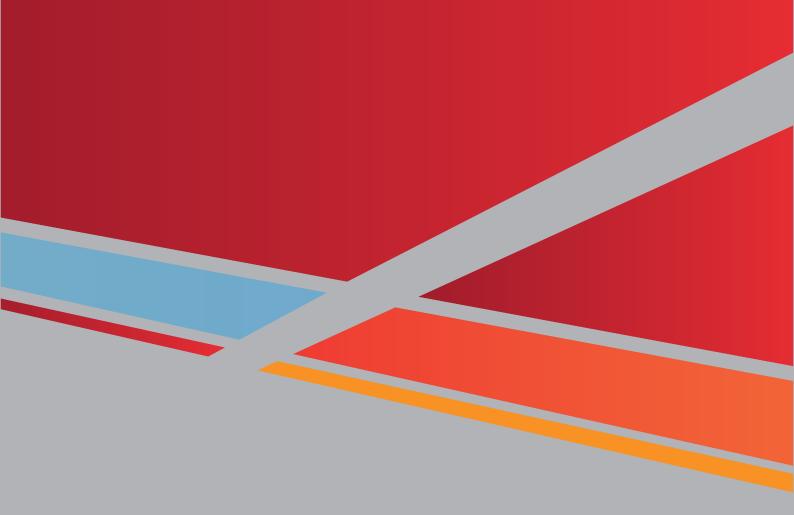
z dnia 8 kwietnia 2008 r. zmieniająca, w celu dostosowania do postępu technicznego, dyrektywę Rady 75/324/EWG w sprawie zbliżenia ustawodawstw państw członkowskich odnoszących się do dozowników aerozoli.

COMMISSION DIRECTIVE 2008/47/EC

of 8 April 2008 amending, for the purposes of adapting to technical progress, Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers

PNEMAR Marek Sobczyk 41-310 Debrowa Górnicza Imię Nazwisko - Podpuls Legionów Polskich 125/5 0/42-530 Debrowa Górnicza, ul. Rudna 40 tel. 32-269-94-21 NIP PL 0292253744

Data :



We have everything on fire safety and extinguishing items of professional and of private living spaces at the best prices in the market and certifications of the largest agencies!

